

Substitute for form PTO/SB/08A		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/519,322
		Filing Date	December 23, 2004
		First Named Inventor	Ernest Chen
		Art Unit	2611
		Examiner Name	AWN, Sam K.
Date: July 30, 2007			
Sheet 1 of 1		Attorney Docket Number	PD-202109

U.S. PATENT DOCUMENTS

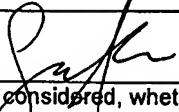
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5,285,474	02-1994	Chow et al.	
		US-6,002,713	12-1999	Goldstein et al.	
		US-6,078,645	06-2000	Cai et al.	
		US-6,313,885	11-2001	Patel et al.	

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Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-2002/0009141	01-2002	Yamaguchi et al.	
		US-2002/0186761	12-2002	Corbaton et al.	
		US-2003/0171102	09-2003	Yang, Bin	
		US-2004/0013084	01-2004	Thomas et al.	
		US-2004/0091059	05-2004	Chen, Ernest C.	
		US-2006/0022747	02-2006	Chen et al.	
		US-2006/0045191	03-2006	Vasanth et al.	

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Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T
		EP 0115218	08-1984	Mitsubishi Petrochemical Co.	
		EP 1011245	06-2000	Matsushita Electric Ind. Co.	
		EP 1065854	01-2001	Tandberg Television ASA	
		WO 99/23718	05-1999	Motorola Inc.	
		WO 01/39455	05-2001	Thomson Licensing SA	
		WO 01/39456	05-2001	Thomson Licensing SA	
		WO 2005/074171	08-2005	Qualcomm Incorporated	
		WO 2005/086444	09-2005	Thomson Licensing SA	
		KR 2001 0019997 (English abstract included)	03-2001	Hynix Semiconductor Inc.	

Examiner Signature		Date Considered	8/11/07
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(Use as many sheets as necessary)</small>		Complete if Known	
		Application Number	10/519,322
		Filing Date	December 23, 2004
		First Named Inventor	Ernest Chen
		Art Unit	2611
		Examiner Name	AWN, Sam K.
Date:	February 22, 2007		
Sheet 1 of 1		Attorney Docket Number	PD-202109

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>er</i>		US-6,522,883	02-2003	Smee et al.	
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		US-6,956,841	10-2005	Stahle et al.	
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Examiner Signature	<i>Sam K.</i>	Date Considered	8/1/07
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/519,322
		Filing Date	December 23, 2004
		First Named Inventor	Ernest Chen
		Art Unit	2611
		Examiner Name	AHN, Sam K.
Date:	January 29, 2007		
Sheet 1 of 1		Attorney Docket Number	PD-202109

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
er		US-2006/0013333	01-2006	Chen, Ernest C.	
		US-6,369,648	04-2002	Kirkman, George F.	
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er		US-3,076,180	01-1963	Havens et al.	

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Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

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Substitute for form PTO/SB/08A INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>NOV 24 2006 U.S. PATENT AND TRADEMARK OFFICE</i>		Complete if Known	
		Application Number	10/519,322
		Filing Date	December 23, 2004
		First Named Inventor	Ernest Chen
		Art Unit	2611
		Examiner Name	ahn, Sam K.
Date:	November 22, 2006		
Sheet 1 of 1		Attorney Docket Number	PD-202109

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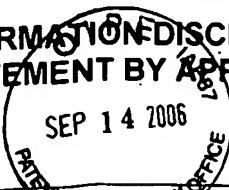
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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<i>cr</i>		US-6,333,924	12-2001	Porcelli et al.	
<i>cr</i>		US-2001/012322	08-2001	Nagaoka et al.	

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Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
<i>cr</i>		WO 2005/086444	09-2005	Thomson Licensing S.A.		
<i>cr</i>		WO 2005/074171	08-2005	Qualcomm Incorporated		

Examiner Signature	<i>S. Chen</i>	Date Considered	8/11/07
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		Application Number	10/519,322
		Filing Date	12-23-2004
		First Named Inventor	Ernest Chen
		Art Unit	2611
		Examiner Name	ANH, Sam K.
Date:	September 12, 2006		
Sheet 1 of 1		Attorney Docket Number	PD-202109

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Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
ca		CHEN, ERNEST et al.; "DVB-S2 Backward-Compatible Modes: A Bridge Between the Present and the Future"; International Journal of Satellite Communications and Networking; Volume 22, Issue 3, pages 341-365; published 2004 by John Wiley & Sons, Ltd.	

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		Examiner Name	ANH, Sam K.
Date:	July 19, 2006		
Sheet 1 of 4		Attorney Docket Number	PD-202109

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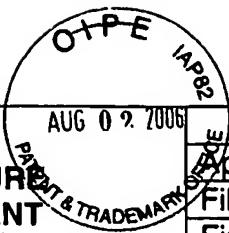
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Examiner Signature		Date Considered	8/11/07
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Complete if Known

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Date: July 19, 2006

Sheet 2 of 4

Attorney Docket Number PD-202109

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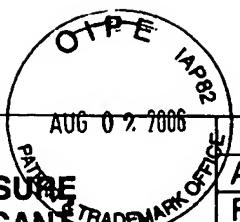
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Examiner Signature

Date Considered

8/11/07

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		Application Number	10/519,322
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		First Named Inventor	Ernest C. Chen
		Art Unit	2611
		Examiner Name	ANH, Sam K.
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Sheet 3 of 4		Attorney Docket Number	PD-202109

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		US-5,828,710	10-1998	Beale	
		US-6,018,556	01-2000	Janesch et al.	
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Substitute for form PTO/SB/08A

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Date: July 19, 2006

Sheet 4 of 4

Complete if Known	
Application Number	10/519,322
Filing Date	12-23-2004
First Named Inventor	Ernest C. Chen
Art Unit	2611
Examiner Name	ANH, Sam K.
Date:	July 19, 2006
Sheet 4 of 4	Attorney Docket Number PD-202109

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		FR 2696295	04-1994	Jaspal, Singh Bharj		
		EP 0222076	08-1986	Ketterling et al.		
		JP 07-038615	02-1995	Yasushi, Sogabe		
		DE 3642213	12-1986	Lopau et al.		
		JP 5-252084	09-1993	Takenaka et al.		
		JP 5-114878	05-1993	Kazama et al.		
		JP 5-41683	02-1993	Matsudo et al.		
		JP 2-95033	04-1990	Yamamoto, Yoshihiko		
		JP 2-5631	01-1990	Oda, Hirobumi		
Cr		JP 03139027	06-1991	Nippon Telegraph and Telephone Corporation		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
Cr		WOLCOTT, TED J. ET AL.; "Uplink-Noise Limited Satellite Channels"; IEEE 1995; pages 717-721; XP-00580915	
Cr		SESKAR, IVAN ET AL.; "Implementation Aspects for Successive Interface Cancellation in DS/CDMA Systems"; Wireless Networks; 1998; pages 447-452	
Cr		Earth Station Technology; 1986; pages 404-412; XP-002248387	

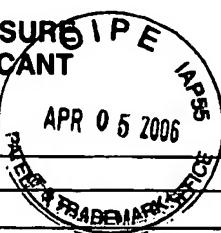
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/519,322
		I.A. Filing Date	July 1, 2003
		371 (c) Date	December 23, 2004
		First Named Inventor	Ernest C. Chen
		Art Unit	2637
		Examiner Name	To be determined
Sheet 1 of 2		Attorney Docket Number	PD-202109



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		US-5,603,084	02-1997	Henry et al.	
		US-6,389,002	05-2002	Schilling, Donald L.	
		US-6,178,158	01-2001	Suzuki et al.	
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		US-6,775,521	08-2004	Chen, Yue	
		US-3,878,468	04-1975	Falconer et al.	
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		US-5,995,832	11-1999	Mallinckrodt, Albert J.	

Examiner Signature		Date Considered	8/11/07
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Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volumne-issue number(s), publisher, city and/or country where published.	T
		MEYR, HEINRICH et al.; "Digital Communication Receivers – Synchronization, Channel Estimation, and Signal Processing"; John Wiley & Sons, Inc.; 1998; pages 212-213 and 217-218; XP 002364874	
		MEYR, HEINRICH et al.; "Digital Communication Receivers – Synchronization, Channel Estimation, and Signal Processing"; John Wiley & Sons, Inc.; 1998; pages 610-612; XP 002364876	

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Sheet 1 of 3

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Application Number	10/519,322		
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		US-2005/008100	01-2005	Chen, Ernest C.	
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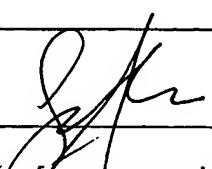
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for forms PTO/SB/08A and PTO/SB/08B INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Complete if Known	
		Application Number	10/519,322
		I.A. Filing Date	July 1, 2003
		371 (c) Date	December 23, 2004
		First Named Inventor	Ernest C. Chen
		Art Unit	2637
		Examiner Name	To be determined
Sheet 2 of 3			
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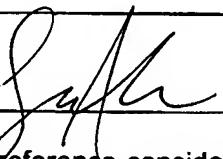
Examiner Signature		Date Considered	<i>8/16/09</i>
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		First Named Inventor	Ernest C. Chen
		Art Unit	2637
		Examiner Name	To be determined
Sheet 3 of 3		Attorney Docket Number	PD-202109

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